

WINTER/SPRING 98  
VOLUME 8

# macromedia **CONNECTIONS**

A GUIDE TO COMPLEMENTARY PRODUCTS AND SERVICES  
FOR WEB PUBLISHING, MULTIMEDIA, AND GRAPHICS

**LOOK INSIDE FOR THE LATEST MACROMEDIA XTRAS™**





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WHY SETTLE FOR A  
**REGULAR  
WEB SITE**  
WHEN YOU CAN HAVE  
AN INTENSE NEW  
**AUDIO BISCUIT  
OF SAMPLEWORTH  
BARKHOP?**

*Translation:  
a really cool Web site with video, graphics,  
and CD-quality sound*



Believe it or not, even funk's Atomic Dog needs help standing out on the Web. So what does George Clinton recommend?

The Director Multimedia Studio™ with Shockwave™ and a mega dose of Kingston® memory. Suddenly, you'll have thunderous streaming audio, eye-popping 3D graphics, and live concert footage. Of course, if you want to bring out the interactive guru from within, you'll need Kingston memory. To find out more, call Kingston at (800) 588-5518. Or visit [www.kingston.com/mc.htm](http://www.kingston.com/mc.htm). Interested in Director Multimedia Studio or getting a free download of Shockwave? Call Macromedia at (800) 288-9576 or visit [www.macromedia.com](http://www.macromedia.com).





# Some Tools Change the Way We Work. Forever.



## THE WHEEL

Tired of going around in circles shooting, digitizing, editing, and compressing digital video? Maybe you haven't had the right tool for the job. Let Hitachi's new MP-EG1A MPEG Camera put you in the fast lane. It's the only video camera in the world that creates MPEG files – and in real time, no less! No extra hardware. No digital traffic jams while your computer compresses video. Now you can spin your videos onto the Web as fast as you can shoot them. Or drop them instantly in software like PowerPoint 97 and Word 97 to drive your point home. That's a real productivity tool.



## THE MPEGCAM

You'll get a lot more mileage out of the MP-EG1A, too. Record 20 minutes of MPEG-1 digital video. Snap 3,000 JPEG stills – just a click away from pasting into WEB pages and layouts. Or grab 4 hours of audio. With MPEG, JPEG, and audio in a compact one-pound package, the MP-EG1A is sure to become the heart of your production tool chest. And with photo-quality auto-feed printing (only 50 seconds per page), the Hitachi VY60DA digital photo printer makes the perfect companion tool. So why spin your wheels? Test drive the Hitachi MP-EG1A today!

Capacity specifications are approximate.

# HITACHI

A TOTALLY NEW VISION

[www.mpegcam.net](http://www.mpegcam.net)

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**About this publication...**

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## Welcome to Macromedia Connections

Welcome to Macromedia Connections, your guide to products and services that enhance the Macromedia experience.

Our goal is to provide you with the easiest-to-use and most powerful software for multimedia production, Web development, and graphic design. We are also committed to supporting our customers through friendly, expert service and targeted, high-value programs.

In this issue of Connections, you'll find the latest Macromedia software and support along with valuable offerings from our partners and developers. We've included phone numbers and contact information for as many areas as we possibly could. We've also included dozens of URLs and e-mail addresses for the growing number of you who prefer to get your information through the ever-expanding world of the Internet. Either way, we hope you find this publication to be a quick and efficient way to reference information about our company and our products.

Get the information you need to get the most from Macromedia tools in Connections. For more information on Macromedia products and programs, visit us at [www.macromedia.com](http://www.macromedia.com).





Macromedia® has designed a family of programs to help our customers get the most out of Macromedia products. All of these programs are available in North America, and most of them are available worldwide. For more information on these programs, please visit our Web site at <http://www.macromedia.com/support>. For specific information on our international programs, please visit our new international site at <http://www.macromedia.com/intl>.



**Priority Access** is Macromedia's technical support program that provides customers with the fastest answers to general usage, installation, and configuration technical questions. A one-

year subscription to the program provides instant access to our senior technical support engineers via a toll-free 800 number, e-mail, fax, or voicemail, with priority in the queue.



The **Developer Support Network** is like having a Macromedia consultant with you on every job. You receive four one-hour consulting sessions with our

senior technical support engineers, priority e-mail support, a listing in the referral network on our Web site, and a 30% discount on the price of attending the Macromedia International and Regional User Conferences.



The **Xtras Developer Program** provides you with the serious technical assistance you need to develop truly excellent Xtras. You receive access to our mem-

bers-only technical e-mail list, exclusive Xtras listings on Macromedia's Web site, a 30% discount on the price of attending the Macromedia International and Regional User Conferences, and special discounted pricing for exhibit space at the conferences.



**Macromedia User Groups**, called MMUGs, are terrific ways to exchange information and experiences, keep abreast of market trends and technology innovations, network with developers, and stay in touch with

Macromedia. The User Group Program is dedicated to supporting MMUGs worldwide through electronic mailing lists, marketing collateral, guest speaker presentations, mailings, product giveaways, and more. Visit our Web site to find a MMUG near you!



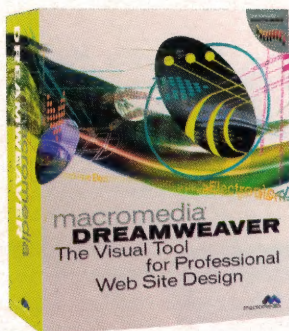
The **Macromedia Authorized Graphic Imaging Center (MAGIC)** program provides service bureaus with incredible discounts on product licenses, one year's worth of Priority Access technical support, special bi-weekly tricks and tips, and a 30% discount on the price of attending Macromedia's International and Regional User Conferences. Visit our Web site to find a MAGIC service bureau near you!

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# Flaunt your brilliance from Macromedia®



## Discover the Web design tool of your dreams!

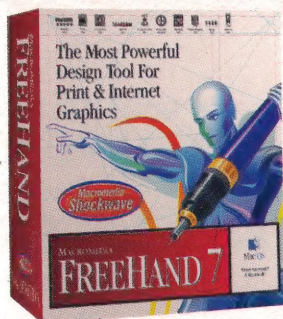
Now you can take advantage of the productivity of a visual Web development tool without sacrificing control over the HTML™ source. Dreamweaver provides error-free Roundtrip HTML™ between visual mode and your favorite source editor, drag-and-drop table and frame design, and a library of managing site-wide changes. Plus, cross-browser Dynamic HTML support allows you to use cascading style sheets,

absolute positioning, and JavaScript-based animation.

### Program Support:

Director®/Authorware®  
Extreme 3D™/xRes™  
FreeHand™  
Fontographer®  
SoundEdit Plus™

Use layers, an animation timeline, and an extensible library of JavaScript behaviors to create multimedia content without scripting. Site management features include a library for site-wide changes, FTP for remote sites, and browser-targeting reports. For more information, visit <http://www.dreamweaver.com>



## Unleash your creativity with FreeHand 7. Now with new extended Web capabilities!

The most powerful cross-platform design tool for print is now the most powerful for Internet graphics. FreeHand 7 includes comprehensive design tools, multi-page layout, extensive special effects, full-color autotrace, open architecture for plug-in Xtras, seamless integration with other graphics programs, and superior performance in print and on the Web.

Want more? Check out the FreeHand Graphics Studio 7 with Extreme 3D, the leading tool for 3D modeling animation and rendering; Macromedia Xres, the creative tool for high-performance image editing and compositing; and Fontographer 4.1, the standard for font design and editing.

### Special Offer:

Get the FreeHand Animation PowerPack! Illustrate it in FreeHand. Animate it in Flash. Vector-based animations download fast. Create interactive buttons, animations, and even entire Web sites. Create vector morphs and colorcycles in Flash. The Animation PowerPack ties FreeHand and Flash together seamlessly.



# with new tools

## Take the lead in on-line learning.

Take the lead in on-line learning with Macromedia Authorware 4, the leading authoring tool for developing learning courseware and Pathware for Computer-Managed Instruction (CMI) of learning content over networks and the Web.

Authorware's visual authoring, QuickStart, templates, and reusable course structure (learning engines) make it easier than ever to create engaging interactive courses that promote high levels of understanding and retention.

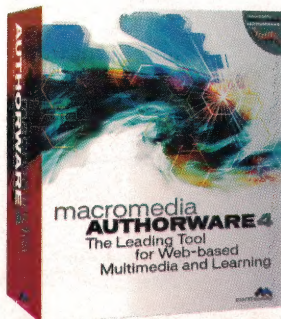
In addition to intranet applications, you can develop rich content for CD/DVD with links to the Internet for continuous updating. Unlimited new features with support for Microsoft® ActiveX™ controls, and your interactive multimedia courses stream over the Web with Shockwave.

Macromedia Pathware Enterprise, a standards-based, Computer-Managed Instruction system, offers a completely integrated solution for assembling, assigning, delivering, and administering learning courseware as well as tracking detailed results.

## Now with new JAVA™ Playback\*

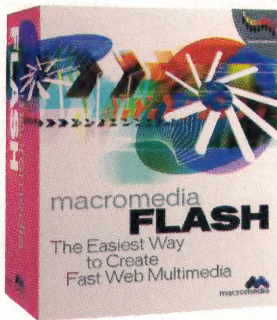
Flash 2 breaks the bandwidth barrier with fast, vector-based Web animation and graphics. Use it to create compact, interactive headlines, buttons, banners, interfaces, maps and cartoons - even with sound! The ultra-small Flash player runs in Netscape Navigator, Microsoft Internet Explorer, RealMedia, and WebTV. And now, with the new Flash Player Java Edition, your Flash animations and graphics play in Java as well.

Flash is anti-aliased for beautiful images and text. Flash streams (begins playing as soon as the first frame downloads). Flash lets you import & animate graphics from popular illustration programs like FreeHand & Illustrator.



## SPECIAL OFFER:

\*FREE Aftershock/  
Java player download  
at [www.flash.com](http://www.flash.com).



Sales: 800-288-4797 Tel: 415-252-2000 Fax: 415-626-0554  
E-mail: [sales@macromedia.com](mailto:sales@macromedia.com) Web: [www.macromall.com](http://www.macromall.com)



**Platform Support:**

Mac OS/  
Win 95/Win NT

**Program Support:**

Director® 5+

# AlphaMania

No more jaggies!



**Before**



**After**

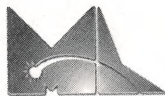
AlphaMania 2 gets rid of the jaggies in Director® and takes the pain out of changing backgrounds. Import PICT, TGA, and Photoshop® (requires PhotoCaster Xtra) files into Director and place them over any background, anywhere, and they look smooth and anti-aliased. Animate them across multicolored backgrounds and they still look great. AlphaMania

castmembers are scalable too. You can now batch import AlphaMania castmembers and also batch import Photoshop layers! (Requires PhotoCaster.)

The best thing about AlphaMania 2 is Effector Sets™ for AlphaMania. Now you can use the special effects in Effector Sets I and II for AlphaMania (sold separately) to add interactive, stunning, digital video-quality special effects to your Director programs. These are real-time, on-the-fly, interactive (not pre-rendered) effects that you control - free rotate, emboss, distort, ripple, blur, magnify, colorize, rotate, drop-shadow, and more!

AlphaMania: \$249 On-line; \$299 Packaged

Download AlphaMania 2 and Effector Sets today:  
<http://www.medialab.com>

**Media Lab, Incorporated**

Sales: 800-282-5361 Tel: 303-499-5411

E-mail: [xtra-sales@medialab.com](mailto:xtra-sales@medialab.com) Web: [www.medialab.com](http://www.medialab.com)



# Effector Sets for AlphaMania

Cool you can use!

Interactive special effects for Director® are here! Stunning, on-the-fly, digital video-quality effects that are easy to use and easy to change. There is no end to the combination of effects you'll discover as you explore AlphaMania's Effector Set Xtras.

These effects use AlphaMania's high-speed compositing engine, so they always anti-alias to any background (that means no jaggies!).

Imagine a sprite rotating at arbitrary angles, scaling while it's rotating, changing colors and then being transformed into water with ripples bouncing off the edges. All this in real-time, controlled by you through an intuitive user interface. There's no Lingo required to use the Effector Sets, but Director hot shots will find themselves well armed.



Effector Set I: Free Rotate, Swirl, Magnify, RGB/HSB Colorize  
\$199 On-line, \$249 Packaged

Effector Set II: Blur, Ripple, Drop Shadow, Emboss  
\$199 On-line, \$249 Packaged

Download Effector Sets and AlphaMania 2 today: <http://www.medialab.com>



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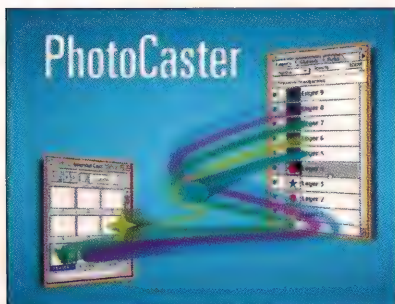
**Platform Support:**  
Mac/Win 95/Win NT

**Program Support:**  
Director®

**Special Features:**  
"... [these Xtras] revolutionize the way you work with Director."  
-Interactivity Magazine

## PhotoCaster

Eliminate hours of tedious work!



The PhotoCaster™ Director® Xtra lets you bring your Photoshop files, layer by layer, into your Director Cast with one click. Create your graphics in Photoshop, select PhotoCaster from Director's Insert menu and - O Mighty Isis - you've just imported your entire Photoshop file! **Each layer appears as an individual cast member, indexed,**

anti-aliased, properly registered, transparency-preserved, and good to go.

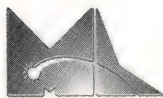
There are two ways to get Photoshop graphics into Director - the PhotoCaster way and the hard way. Before PhotoCaster, Director users had to spend countless hours tediously exporting, indexing, importing, repositioning, and renaming. With PhotoCaster those hours are yours again.

And there's **no Lingo required!** PhotoCaster is easy to use and will save untold amounts of time and money (most customers say it paid for itself the first day they used it!).

### PhotoCaster Features:

- Import Photoshop 3.0 (or later) files directly into your Director cast
- Create individual cast members from layers
- Optionally flatten the image on import to make just one cast member
- Control color mapping: 24-bit, current palette, or custom palette
- Integrated into Director's interface - just pull down a menu
- Generate a custom palette derived from the layers in your Photoshop file
- Keep layer registration
- Preserve anti-aliasing between layers
- Flatten linked layers into single cast members
- Optionally ignore hidden layers
- Dithering to a specified number of colors
- Arbitrary selection of which layers to import
- Works seamlessly with AlphaMania

**PhotoCaster: \$199 On-line, \$249 Packaged**



### Media Lab, Incorporated

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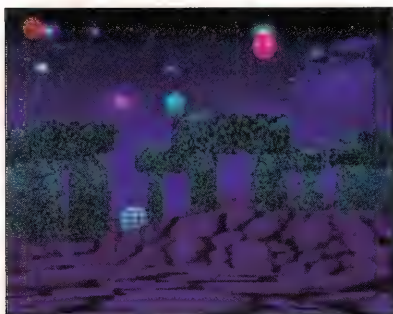
E-mail: [xtra-sales@medialab.com](mailto:xtra-sales@medialab.com) Web: [www.medialab.com](http://www.medialab.com)





## 3D Dreams - Virtual Reality for Macromedia® Director®

Incorporate interactive 3D real-time worlds into Macromedia Director.



3D Dreams is a NEW state-of-the-art Xtra and authoring tool from Shells Interactive Film-Art. 3D Dreams enables the development of interactive 3D real-time rendering worlds using Macromedia Director.

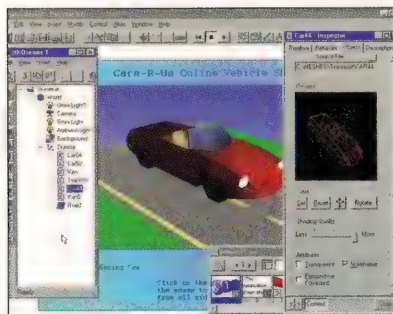
**The multimedia world is going real-time** - 3D Dreams is your key to the real-time 3D world.

### Develop Virtual Reality applications using Director -

create titles with movement in six degrees of freedom and full control over lights, materials, textures, points of view and backgrounds. Build applications like: virtual museums, industrial simulations, 3D quest games, points of sale, etc.

### 3D Dreams is easy to use

design and import the 3D worlds



models using 3D Dreams visual tools. The visual tools are integrated within the familiar Director environment. You don't have to learn any new language; just use Lingo to develop amazing interactive real-time 3D application quickly and efficiently.

**Publish your 3D Dreams-based titles over the Internet** - use Shockwave to publish your 3D Dreams over the Internet. Imagine even building your own virtual reality site using Shockwave and 3D Dreams.

**Enjoy high-performance 3D graphics** - 3D Dreams delivers optimized high-quality real-time rendering capabilities, exploiting Intel's Pentium or the new MMX technology and Microsoft® Direct3D.

### How do you build a 3D Dreams-based application?

- 1) Design 3D worlds using industry standard tools, like Autodesk 3D Studio
- 2) Import the 3D worlds into Director using the 3D Dreams Visual Tools
- 3) Create any kind of interaction between the 3D objects using simple Lingo script. And that's it...



# SHELLS

**Shells Interactive Film-Art Ltd.**

Tel: 972-9-7710205 Fax: 972-9-7741989

E-mail: [info@shells-ifa.com](mailto:info@shells-ifa.com) Web: [www.shells-ifa.com](http://www.shells-ifa.com)

**Platform Support:**  
Mac/Win 95/ Win NT

**Program Support:**  
Director®

**Special Features:**  
Director-incorporated  
Visual tools

Sprite Xtra and  
Lingo Xtra

Shockwave Support

### SPECIAL OFFER:

FREE trial version of 3D Dreams from Shells Web site.

FREE copy of the "Shells Guide to Designing Interactive Real-time 3D Worlds."

Order 3D Dreams NOW for only \$449.99 (SRP \$599.99).

**Platform Support:**  
Mac/Win 95/Win NT

**Program Support:**  
Director®/Authorware®  
Flash™

**Special Features:**  
License free graphics,  
sounds & button  
behaviors

12,500 images

Install buttons while  
Director is open

200 button sounds

Animated GIFs

## **SPECIAL OFFER:**

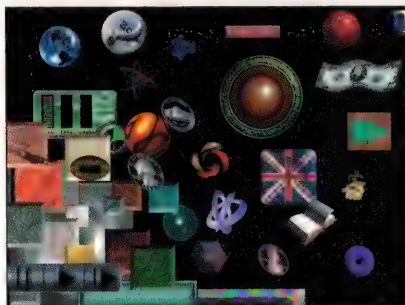
\$109 SRP

Special \$79 cost  
to Connections  
readers!

\$39 upgrade price  
for 2.0 - 3.0 users!

# **An Xtra Savvy Drag-and-Drop Toolset for Director Users . . . IB&C v3.6**

The most powerful and popular toolset  
for Director®! Custom behaviors: sliders,  
rotaries, toggles . . .

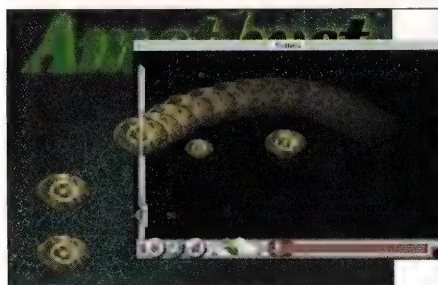


If you develop interactive  
multimedia, you'll want  
Instant Buttons & Controls  
v3.6. It has over 4,000  
buttons - plus new  
keyboards, sliders, and  
powerful Lingo behaviors.

As the industry standard for  
multimedia interface design  
since 1992, IB&C v3.6 is  
made for professionals who  
have to meet tight deadlines  
yet deliver top-quality products.

## **Transparent Operation**

Keep your own Director movie open while you browse and install buttons.  
IB&C's powerful drag-and-drop feature makes it a multimedia producer's most



powerful secret weapon:  
just drag any button from  
IB&C into your movie.  
That's it! IB&C puts every-  
thing you want into your  
movie: Lingo behavior,  
sound, and animation.  
The buttons in IB&C v3.6  
are available in Director 5  
and 6 formats for both  
Macintosh and Windows.

Files are also available as JPEGs for use in Authorware® and Flash™.

- Drag-and-drop, fully-functional, animated buttons
- Even more powerful Lingo behaviors
- "Bookmark" your favorite buttons

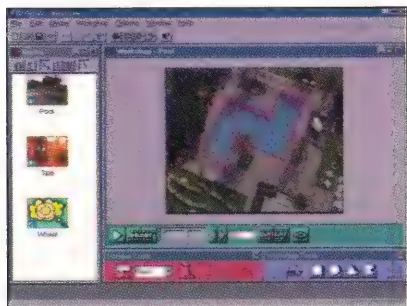


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## V-Active

Hyperlinked video for Director® and Authorware®



V-Active automatically tracks any moving object designated by the user.

The V-Active Xtra™ integrates hyperlinked video into Macromedia® Director and Authorware. Insertion of video clips produced with V-Active into Director/Authorware projects leverages their power and capabilities to produce more effective and intuitive multimedia titles by adding true interactivity into the videos.



the Director or Authorware project. Examples of such events include starting or ending a media file, and clicking on a moving object in the video. Special script commands enable you to play, pause, or stop the V-Activated video and enable or disable a defined hotspot on a specific media.

V-Active is a video authoring tool and playback environment that allows for the hyperlinking of digital video. V-Active enables content developers to create video "hotspots" that link moving objects to pictures, text, sounds, URLs, videos, and executables. Unlike traditional authoring methods, which required time-consuming frame-by-frame manipulation,

The interactive "V-Activated" videos are simply inserted as Director or Authorware components. The V-Active Xtra uses scripting (Lingo™ in Director) to allow for interaction between the interactive video and other elements of the project.

Director handlers and Authorware events fired from the V-Active video can activate different elements of

**Platform Support:**  
Win 95/Win NT

**Program Support:**  
Director®/Authorware®

**Special Features:**  
FREE Xtras

### SPECIAL OFFER:

Download trial version of V-Active at [www.ephyx.com](http://www.ephyx.com)

**Ephyx**  
Technologies

Sales: 888- GO EPHYX Tel: 415-777-5505 Fax: 415-777-5506  
E-mail: [info@ephyx.com](mailto:info@ephyx.com) Web: [www.ephyx.com](http://www.ephyx.com)

**Platform Support:**

Trans-X Xtra:  
Power Mac/Mac/  
Win 3.x/Win 95/  
Win NT

**LiveCD Xtra:**

Power Mac/  
Win 3.x/Win 95/  
Win NT

**Program Support:**

Trans-X Xtra:  
Director® 5/6  
Authorware®

**LiveCD Xtra:**

Director® 5/6  
Authorware®

**SPECIAL OFFER:**

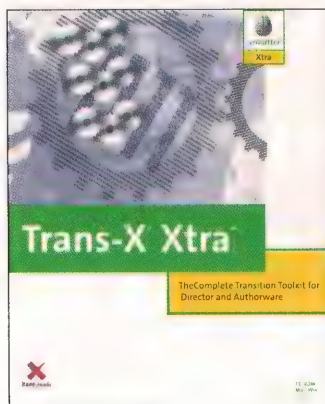
FREE Xtras T-Shirt!  
Just mention this ad  
when you buy either  
Trans-X Xtra or  
LiveCD Xtra and get  
an official g/matter  
Xtras T-shirt.  
While supplies last.

**Also Published by g/matter:**

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Dialogs Xtra  
DirectSound Xtra  
DisplayRes Xtra  
FieldStyles Xtra  
InstalledFonts Xtra  
Install Xtra  
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LiveCD Xtra  
MasterApp Xtra  
PickFolder Xtra  
PopMenu Xtra  
PrintOMatic Xtra  
ProgressCopy Xtra  
ScriptOMatic Xtra  
Sound Xtra  
Trans-X Xtra  
XtraDraw  
XtraText  
XtraNet

**New! From the leading provider of Macromedia® Xtras!**

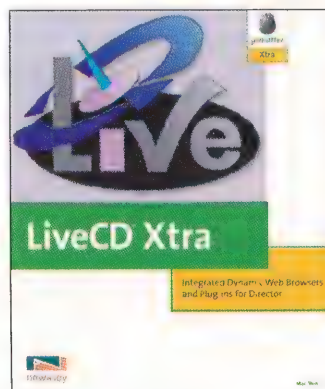
Trans-X® Xtra® - the ultimate transition toolkit for both Director® and Authorware®

**Trans-X Xtra:**

Turn your company logo into a transitions effect! Make your own custom pixel dissolve! Add new life to existing projects! Now it's easy...with Trans-X Xtra, the hot new transition toolkit for Director and Authorware, you can instantly add unlimited exciting custom transitions to your multimedia productions by creating or importing animations and converting them into a Trans-X transition mask. Each mask can be used to control the exact transition appearance from one screen to the next. Trans-X Xtra also comes with dozens of professionally created transition effects to use right out of the box.

US MSRP \$199.

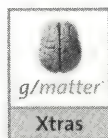
Developed by g/matter, inc and Dirigo Multimedia.

**LiveCD® Xtra®:**

With LiveCD Xtra you can integrate dynamic HTML browser and Netscape compatible plug-in rendering into your Director and Authorware projects. Now you can create a completely custom multimedia interface for your Internet content! Simply drag-and-drop either the built-in LiveHTML renderer or the Microsoft® Internet Explorer® ActiveX® Control onto your presentation screen.

Use the newest Internet media formats - Shockwave, Flash, QuickTime, RealVideo, Netshow, Acrobat, and more, as fully integrated media elements!  
US MSRP \$499.

Developed by New Alloy, Inc.



g/matter, inc. is the world's leading provider of Macromedia Xtras. Check out our full line of Xtras, add-ons and utilities for Director, Authorware and Shockwave.

Sales: 800-933-6223 Tel: 415-243-0394 Fx: 415-243-0396  
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## OnStage™

Harness the power of full-motion video and killer Multimedia.



### More features . . . than any other MPEG Xtra!

The OnStage interface gives you incredible control over playback with its impressive set of advanced Lingo commands and attachable toolbar with full-screen button.

### Platform Support:

Win 95/Win NT/ Win 3.x

### Program Support:

Director® 5/6

Authorware® 4

### Special Features:

- Full screen
- Scalable
- 30 frames/sec
- One hour per CD
- Extensive Lingo

### Advanced Multimedia Support

Version 3 is a complete multimedia playback solution, now supporting all major formats: MPEG, AVI, Quicktime, WAV, and MIDI.

### OnStage CD XTRA - \$395

No one ever hesitates playing a CD-ROM that does not require installation! Now you can use this breakthrough technology to create a CD-ROM that plays full-motion MPEG video, yet requires no installation. Uses a special version of SoftPEG™.

### MPEG is clearly superior to other compression formats:

- Up to one hour of video on a CD
- Scalable to any size, including full screen
- Full-motion 30 frames per second

### OnStage SE XTRA - \$149

For applications where an MPEG decoder is already installed, the SE XTRA combines the power of the OnStage interface with royalty-free distribution. Great for kiosks, notebooks, and CD-ROM projects that include their own playback.

### Download a free test drive today

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OnStage is a trademark of Visible Light. SoftPEG is a trademark of CompCore Multimedia, Inc.



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Fax: 407-786-2167 E-mail: [sales@visiblelight.com](mailto:sales@visiblelight.com)

**Platform Support:**  
Mac/Win 95/Win NT

**Program Support:**  
Director®

**Special Features:**  
"CastPainter does it all - effortlessly. Animators and designers are going to be standing in line for this product."  
-Jon Brooks,  
Art Process Manager  
The Learning Company

### SPECIAL OFFER:

Download the free CastPainter "Try Out" today: [www.totallyhip.com/products/](http://www.totallyhip.com/products/)

## Totally Hip CastPainter™ for Director®

Creative freedom to easily create graphic cast members for Macromedia Director.



# CastPainter™

for DIRECTOR®

CastPainter provides animators and Web designers with powerful cel animation tools for easy creation and management of graphic cast members and animated sequences for easy import/export to and from Director's Cast using CastPainter's Import/Export Xtras. Designed through Director user feedback, this creative tool includes a familiar cast window, cast version control features, and powerful cel editing tools to augment those found in Director Paint. New features include onion skinning, import/export of popular file types such as Photoshop® layers, and special batch auto-tweening capabilities to easily create animated cast sequences. Best of all, purchasers will receive four on-line product updates for one year at no extra charge.

**Totally Hip Software, Inc.**

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E-mail: [sales@totallyhip.com](mailto:sales@totallyhip.com) Web: [www.totallyhip.com](http://www.totallyhip.com)

**Platform Support:**  
Power Mac/Win 95

**Program Support:**  
Director® 5+

**Special Features:**  
No license fee required after purchasing a package!

## Long-awaited MIDI control Xtra for Director®. Make your works midi-fied!



Software solution  
Cross platform  
MIDI plugin  
Xtra for  
Macromedia  
Director



YAMAHA MIDXTRA allows Director users to use MIDI from Lingo™, greatly reducing disk space as compared to AIFF or WAV files. Also MIDXTRA includes YAMAHA's Soft Synthesizer technology which enables users to use high-quality wavetable MIDI without any hardware MIDI devices or expensive wavetable sound card. Since identical commands can be used for both Windows and Mac, authoring productivity is greatly increased.

### YAMAHA CORPORATION

E-mail: [midxtra@emi.yamaha.co.jp](mailto:midxtra@emi.yamaha.co.jp)

Web: [www.yamaha.co.jp/english/xg/midxtra/midxtra.html](http://www.yamaha.co.jp/english/xg/midxtra/midxtra.html)



## MusiCopia

More music than you can shake a stick at!



An eclectic collection of 52 different original themes plus 32 loops, MusiCopia is designed to fulfill the music needs of multimedia and Internet professionals. The collection spans a variety of styles - from rich cinematic textures to pristine solo guitar, from smoky jazz to nutty zydeco, MusiCopia provides music for almost any need. All pieces are composed

by award-winning composer John Scott, who has created music for NBC, UPN, A&E, and CNN. MusiCopia features a custom-designed browser that makes finding music quick and intuitive. Put some multi in your media - add the impact of sound to your work. MusiCopia makes it easy with 84 tracks ready to use!

**\$149**

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Sales: 800-622-7723 Tel: 760-747-5995 Fax: 760-747-5994

E-mail: sales@macsourcery.com Web: www.macsourcery.com

### Platform Support:

Mac/Win 95  
Win NT/Win 3.x

**Program Support:**  
Director®/Authorware®  
SoundEdit™, Flash™

### Special Features:

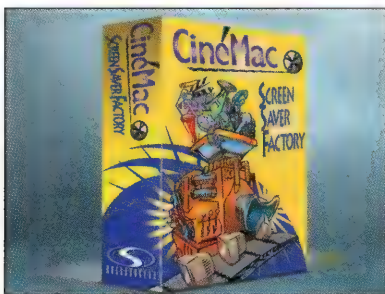
Try before you buy!  
Visit the MacSourcery  
Web site and audition  
tracks on-line.

### SPECIAL OFFER:

Buy MusiCopia and  
save \$50 on CinéMac

## CinéMac for Director® Screen Saver Factory™

Use Director to create high-impact  
screen savers.



CinéMac for Director makes it simple to transform your Director movies into compelling, easy-to-distribute screen savers. Create complete, full-featured screen savers immediately. Use your Director skills to design the content and interactivity; CinéMac takes care of the rest, converting projectors into full-featured screen savers. Save thousands of dollars - no need for third-party

developers! Dependability and ease of use have made CinéMac the standard for in-house screen saver creation with more than one million screen savers already made! It's that powerful and that easy!

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E-mail: info@macsourcery.com Web: www.macsourcery.com

### Platform Support:

Mac/Win 95  
Win NT/Win 3.x

**Program Support:**  
Director®

**Special Features:**  
No per-copy royalties

No programming

Easy to customize  
with your own  
information

Demo on Web site

### SPECIAL OFFER:

Buy Mac and  
Windows CinéMac  
for Director and  
save \$100

**Platform Support:**  
Win 95/Win NT/Win 3.x

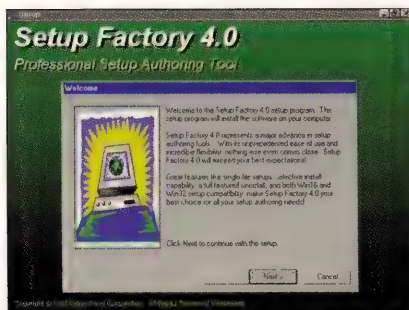
**Program Support:**  
Director®/Authorware®  
FreeHand™

**Special Features:**  
Royalty free!

FREE demo on our  
Web site!

## Setup Factory™ 4.0

The point-and-click installer builder



Once you've created your masterpiece, you're going to need a professional software installer to finish it off. You want it to be bullet-proof and leave your customers with a good first impression. And you certainly don't want to waste time reading manuals and learning scripting languages. That's why thousands of developers have

made Setup Factory their installer of choice. Quite simply, it is the easiest to use setup builder available for the Windows® platform. Even if you know nothing about Windows, you can use Setup Factory. It does everything you need and does it automatically. No kidding.

### Flexible and Powerful

The Project Wizard walks you through each step of the process. Customize the setup to fit your needs using only your mouse. Collect info. Ask for a password. You get the idea. When you're satisfied, click on the "Build" button. Your files are compressed, the setup program is created, and then everything gets combined into a single, self-contained setup.exe file. This file can then be split over as many diskettes as needed, placed on a CD-ROM, or put on a Web site.

### Special Features

Even though Setup Factory is easy to use, we sure didn't sacrifice any flexibility. It grows with your changing needs! Just some of the features include: Install files to any location - Create shortcut icons and folders - Selective install (Complete, Typical, Minimum, Custom) - Full featured uninstall - Build setups for Windows 95, NT, and 3.1 - Setup expiration dates, passwords, and serial numbers - Automatic font registration - System configuration checking - Execute external programs as part of the setup (e.g. QuickTime setup) - Automatic registration of OCX/ActiveX™ controls - Modify system files (bat/sys/ini/registry) - Background gradients and bitmap tiling - True multi-lingual support (English, French, Spanish, German, Italian, etc.) - Customizable screens and messages - Intuitive, user-friendly setup process - Much more!

### Try It Out - Risk Free!

Here at Indigo Rose, we want you to be happy! There's a fully functional evaluation version on our Web site. Try it out all you want. Once you're satisfied that we're not just blowing hot air, call us up to place your order. You'll like the way we can get it to you for tomorrow (or sooner). And, unlike some companies, we don't charge royalties or annual fees. That should make you happy!

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SOFTWARE DESIGN CORP.

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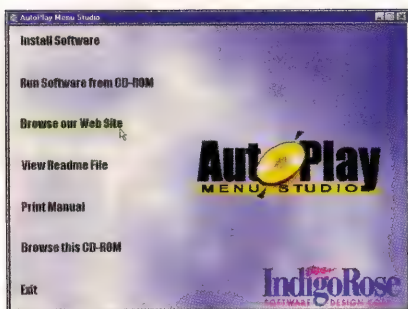
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## AutoPlay Menu Studio

Create impressive CD-ROM AutoPlay menus in only minutes!



Are you distributing software or content on CD-ROM?

If you're targeting Windows® 95 or Windows NT® users, you're going to need an AutoPlay menu. When a user inserts a CD-ROM containing an AutoPlay menu, it loads and executes automatically. It's like having a "front door" for your CD-ROM! They make great first impressions and

add a professional, finished look to your package. And with industry leaders like Microsoft® making them standard features, your customers and clients expect to see them.

Without the proper tools, it can be quite a technical chore to build an AutoPlay menu on your own. That's where Indigo Rose's AutoPlay Menu Studio comes in. It is the only visual development tool designed exclusively for creating impressive multimedia AutoPlay menu systems.

### Easy-to-Use Visual Editing

AutoPlay Menu Studio is so easy to use, you can create a working menu system in only minutes. Create a background image, add in some action buttons, and then click on "Build". That's it. Go burn your CD-ROM.

The impressive WYSIWYG design mode helps you create a menu that looks and works the way you want it to. Make use of property sheets, pick-lists, alignment tools, palette management, undo/redo, background gradients, bitmap tiling, a ready-to-use graphics library, sound samples, and more.

### Powerful Action Buttons

With a bit of creativity, your AutoPlay menu can do some pretty amazing things! Choose from a variety of built-in actions and events, like playing sounds, animating buttons, and executing programs. And it's just as easy to jump to your Web site, open a document, browse the CD-ROM, send e-mail, start an installation program (think "QuickTime"), print a file, display a help file, download via FTP, and much, much more.

It's a must for multimedia professionals, content providers, network administrators, or anyone using the CD-ROM as a distribution medium.

**Platform Support:**  
Win 95/Win NT

**Program Support:**  
Director®/Authorware®  
Extreme 3D™/xRes™  
FreeHand™  
Fontographer®  
SoundEdit Plus™

**Special Features:**  
Royalty free!

Free demo on our  
Web site!

### SPECIAL OFFER:

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**Platform Support:**

Power Mac/Win 95/  
Win NT/Win 3.x  
UNIX

**Program Support:**

Director®/Authorware®  
Flash™

**Special Features:**

RealFlash animation  
joins RealAudio and  
RealVideo in  
RealSystem 5.0.

## RealSystem 5.0: The Complete Streaming Media Solution

Add RealAudio®, RealVideo® and RealFlash animation to your Web site or corporate intranet.



RealSystem 5.0 is a complete client/server streaming media solution that includes RealPlayers, RealServers, and publishing tools. Features of the new system include streaming RealFlash animation, higher quality audio and video, and commerce-oriented features for pay-per-view and advertising insertion. The RealSystem 5.0 includes cross-platform products for consumers, content creators, Internet broadcasters, ISPs, and corporate intranet customers.

Visit our Web site at  
[www.real.com](http://www.real.com) for  
more information

**RealServers:**

**Internet Solution:** Complete, powerful system includes RealServer 5.0 — the standard for Internet Web sites, broadcasters, and ISPs. Supports ad insertion, hosting services, and RealFlash animation.

**Intranet Solution:** Complete, cross-platform system includes RealServer 5.0. For intranet-based corporate training and corporate communications.

**Commerce Solution:** A customizable streaming media system that supports pay-per-view, enhanced demographic tracking, and subscriptions. Includes RealServer 5.0 with user authentication, database, templates, and toolkit.

**Basic Servers and Tools:**

**Basic Server Plus:** A low-cost, popular way to add audio, video, and animation to Internet Web sites. Includes RealPublisher and option for RealFlash streaming animation, technical support and upgrades. Now available for Windows® 95.

**RealPublisher:** An easy-to-use tool that automatically creates RealAudio and RealVideo files in media-enabled HTML pages and publishes them to Web servers and streaming media servers.

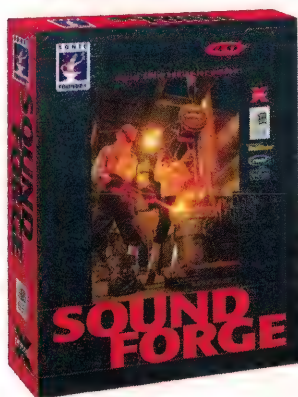


**RealNetworks**

Sales: 800-444-8011 E-mail: [sales@real.com](mailto:sales@real.com) Web: [www.real.com](http://www.real.com)



## Sound Forge 4.0 Digital Audio Editing for Windows®



Sonic Foundry's Sound Forge 4.0 is professional sound editing software for Windows® that contains an extensive set of audio processes, tools, and effects for manipulating audio. The diverse feature set lends Sound Forge to multiple applications including music production, multimedia development, sound design, audio for the Internet, broadcast productions, and sound analysis.

Sound Forge has built-in support for Video for Windows making it possible to edit sound events to video with frame accuracy. Sound Forge supports a wide range of cross-platform files and audio and video

compression formats, including Internet audio encoders. To increase editing power, Sound Forge is expandable with proprietary and any DirectX audio plug-ins.

### Sonic Foundry, Inc.

Sales: 800-57-SONIC Fax: 608-256-7300 Web: [www.sonicfoundry.com](http://www.sonicfoundry.com)

## BarbaBatch Batch Audio Processor

"Best overall batch audio processor"\*



BarbaBatch makes it fast and easy to batch process digital audio files. BarbaBatch supports all common file formats, converts between 24, 16, 8, and 4-bit resolutions and sample rates between 1 and 100 kHz. Sophisticated dynamics processing optimizes fidelity at any resolution. Multiple formats can be input and output in a single batch. Supported file formats: AIFF, AIFC, AIFC

IMA 4:1, WAV, VOC, ADPCM, PCM, AVR, NeXT/Sun j-law, a-law and linear (.au & .snd), Sound Designer I & II, System 7 sound, Real Audio (.ra), MPEG1 Layer I (.mpg), MPEG1 Layer II (.mp2), Dialogic (VOX) telephony filetype (a-law, j-law) and QuickTime™ (output only).

**\$395**

### MacSourcery

Sales: 800-622-7723 Tel: 760-747-5995 Fax: 760-747-5994  
E-mail: [info@macsourcery.com](mailto:info@macsourcery.com) Web: [www.macsourcery.com](http://www.macsourcery.com)

**Platform Support:**  
Win 95/Win NT/Win 3.x

**Program Support:**  
Director®/Authorware®

### SPECIAL OFFER:

Upgrade from Sound Forge XP to Sound Forge 4.0 for \$199.99. Offer expires March 31, 1998.

**Platform Support:**  
Mac/Power Mac

**Program Support:**  
Director®/Authorware®  
SoundEdit Plus™

**Includes four indispensable utilities.**

**Namelt** - batch file renamer

**Affixlt** - batch Sound Designer region renamer

**Joinlt** - merges a set of files into a single file with regions matching input files

**Movelt** - automates management of large groups of files

\* Interactivity Magazine, March 1997

**Platform Support:**

Power Mac/Win NT/  
Win 95

**Program Support:**

Director®/Authorware®  
FreeHand™/xRes™

**Special Features:**

Bundled 6 basic  
application software  
(only for Windows 95)  
like MPEG clipping,  
retouching, etc.

## Multimedia Gear for the 21st Century

It's easy and quick to insert MPEG-1 video or JPEG photos into multimedia applications without any additional hardware or software.



Hitachi MPEGCAM is capable of recording full-motion MPEG-1 video with sound, JPEG images, and JPEG images with sound. Files are compressed on the fly and stored on the removable 260MB PC card. Using 1.8" color LCD display, you can easily review, discard, or retake any video clip or still picture. Files can be very easily and quickly transferred to your PC or Macintosh to create an interactive CD-ROM, computer-based training material, and Web pages.

**20-minute full-motion MPEG-1 video**

The MPEGCAM functions like a camcorder, recording approximately 20 minutes of full-motion MPEG-1 video (resolution: 352 x 240) with MPEG audio. Additional frame capture or video compression board is not necessary.

**3,000 JPEG still shots**

The MPEGCAM also works as a still camera, able to store approximately 3,000 JPEG format (resolution: 704 x 480) images. Additional features include an interval mode for automatically timed pictures, and a rapid sequence effect.

**1,000 JPEG still shots  
with 10 seconds of sound**

You can make your audio annotations as long as you want.

For 1,000 JPEG pictures, you can record approximately 10 seconds to each image.

ActiveMovie 2, QuickTime 2.5/3.0 and the bundled SoftPeg supports MPEG-1 stream created by the MPEGCAM.

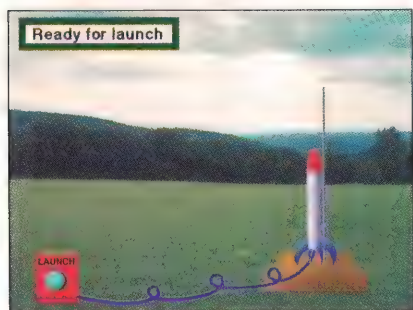
# HITACHI

Sales: 800-HITACHI Fax: 770-279-5699 Web: [www.mpegcam.net](http://www.mpegcam.net)



## The Dynamic Ability Series of training video tapes

Reelvision offers multimedia developers a helping hand.



Stay both current and practical by exploring popular development applications of both Macintosh and Windows platforms. This series is designed to save time and money by profiling key software features and capabilities that allow new users to get up to speed quickly, while enjoying the fun of learning.

**Intro to Director \$79.95**  
(Two tapes and CD-ROM)  
Introduction to Macromedia Director 6.0 offers developers insight into the function and capabilities of Macromedia's flagship product by exploring key features and offering hands-on guidance in creating new projects.

**Intro to Lingo \$59.95**  
(One tape and CD-ROM)  
Introduction to Lingo for



Macromedia's Director 6.0 explores the use of Lingo scripting language in the creation of interactive projects. A hands-on approach allows users to follow along and learn the fundamentals of project structure, language usage, and approaching development solutions.

**Intro to Shockwave \$59.95** (One tape and CD-ROM)  
Introduction to Macromedia's Shockwave and other Xtras explores the power and the necessity of development Xtras. This tape provides understanding and solid results in creating Shockwave content for Internet use, creating and applying features to Director movies, and implementing file copy solutions.

**Director Tool and Tips Newsletter \$77.00** Bi-monthly subscription  
Newsletter includes features and techniques used by many Director developers and offers sound advice on how to market and sell yourself as an up-and-coming Director Pro. Each subscription comes with one CD-ROM that has valuable tools, tricks, and fun stuff.

**Platform Support:**  
Mac/Power Mac/  
Win 95

**Program Support:**  
Director® 6

**Special Features:**  
All video programs come with an accompanying CD-ROM that contains all of the materials needed to follow along with the lessons, along with many valuable tools and tips that beginning developers will find valuable.

### SPECIAL OFFER:

Buy all 4 tapes for \$169.95 and save \$30.00!

And also receive a free 3-month trial subscription to Director Tools and Tips Newsletter.

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**Platform Support:**  
Mac/Win 95/Win NT/  
Win 3.x/UNIX

**Program Support:**  
Authorware®  
Icon Author - UNIX

## WorldTutor Market-tested solutions

Authorware 4.0 templates and models



### WorldTutor Developer Software

- Navigational templates
- Skill assessments
- Pre- and post-test
- Proficiency evaluations
- Saves development time
- Design consistency

### WorldTutor Course Manager

- Student tracking
- Log-on
- Time spent lessons
- Bookmarking
- Test scores
- Data tracking

This unique WorldTutor offering of templates and models allows a novice Authorware user to quickly build instructionally sound courseware. Time to create lessons can be reduced as much as 50%. Even with this reduction, WorldTutor automatically provides enhanced functionality including collection of performance data and automatic generation of reports.

### WorldTutor Project

- A documented computer-based training project methodology

### Custom Development & Consulting Services

### Training and Software

- Macromedia Authorized Training Center for Authorware and Director

WorldTutor is a Macromedia Authorized Training Center and software reseller. Class offerings include Authorware and Director. Training is held in our multi-media computer labs at the American Airlines Training and Conference Center.



Training Group

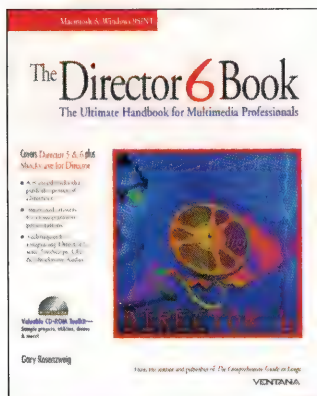
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Web: [www.amrcorp.com/worldtutor](http://www.amrcorp.com/worldtutor)



## The two most important steps to Director® mastery

Push the power of Director with this one-two punch.



### The Director 6 Book

The complete handbook for multimedia professionals! Raise your standards – and your stock – as a multimedia specialist by harnessing what's new in Macromedia Director 6. This in-depth guide focuses on key techniques for creating, manipulating, and optimizing files. Your projects will look, sound, and play back better and more consistently than ever.

The Director 6 Book covers:

- Director 6's hottest features – including NetLingo for Shockwave.
- Seamless cross-platform solutions for Mac and Windows, CD-ROM, and the Internet.
- Advanced Lingo operations – including behaviors, debugging, MIAWS, navigation, and more.
- Expert Shockwave techniques – for server connectivity, browser compatibility, streaming, and integration with Internet technologies.

### The Director Xtras Book

Category listings, reviews and tutorials for more than 100 Xtras! Learn how to use Xtras to add tools, creative options, and versatility to Macromedia Director. Complete listings include tips and tech-

niques to help you make the most of Xtras and choose the right one for the task.

The Director Xtras Book covers:

- Transition Xtras – for creating sophisticated effects.
- Asset Xtras – for extending Director's range and adding new formats.
- Tool Xtras – for adding functionality in the interface.
- Lingo Xtras – for expanding Director's scripting language to enhance inter-activity, connectivity and more.
- Programming an Xtra – plus tips on the MOA standard and adapting XObjects.

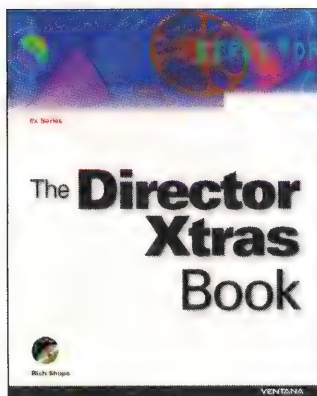
**Platform Support:**  
Mac/Win 95

**Program Support:**  
Director®/Authorware®  
Shockwave™  
All available  
third-party Xtras.

**Special Features:**  
CD-ROMs feature  
sample movies, files  
and scripts; shareware  
and free plug-ins;  
dozens of demos,  
including Director and  
SoundEdit 16 for Mac.

### SPECIAL OFFER:

Save 25% off  
the cover price!



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Fax: 606-283-0718 (Include a copy of this ad)

Web: [www.vmedia.com/director\\_offer/](http://www.vmedia.com/director_offer/)

**Platform Support:**

Mac/Power Mac/  
Win 95/Win NT/Win 3.x

**Program Support:**

Director®/Authorware®  
Extreme 3D™/xRes™  
FreeHand™  
Fontographer®  
SoundEdit Plus™

**Special Features:**

Media Magic offers  
authorized Macromedia  
Authorware and  
Director classes  
at our site in Atlanta  
or at yours!

## Media Magic

Multimedia tools and services

**Teaching the Tools**

Novice or expert, we have the multimedia class you need - Authorware, Director, and more. Small classes and top-notch instructors guarantee that you'll be up to speed and developing multimedia projects in no time. With extensive backgrounds in multimedia design and development, our instructors bring practical as well as technical experience to the classroom - whether at our facility or yours. We have been an authorized Macromedia Training Provider for over four years.

**Using the Tools**

Media Magic's skilled designers, artists, technicians, and developers are master craftsmen of multimedia. Whatever the need, we develop custom training and presentation multimedia for the PC and Mac, CD-ROM, and intranet applications.

**Selling the Tools**

Media Magic is a value-added reseller for Macromedia, offering a range of products for both Windows and Macintosh platforms, including the Authorware Interactive Studio and the Director Multimedia Studio.

**Multimedia One-Stop Shopping**

Media Magic offers "one-stop shopping" for all your training and multimedia needs. We started in the training industry over 24 years ago, and have been developing CBT/multimedia for the last 14 years.



**Media Magic, Inc.**

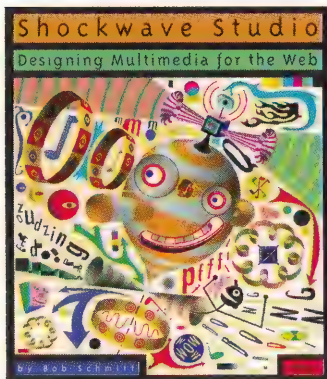
Tel: 770-986-8806 Fax: 770-986-8837

Web: [www.mm-atl.com](http://www.mm-atl.com)



## Shockwave Studio

Learn Lingo and Shockwave®  
from top Web artists.



Shockwave has brought the power of Director® to the Web. In this book you'll learn how to create compelling Web content by doing - and by seeing how the top multimedia developers have done it. This O'Reilly book doesn't waste time on the basics of Director or meaningless made-up examples - it's packed with great ideas, over 250 full-color figures, and Lingo code from real projects.

This book will teach you how to make smaller movies for fast download over the Web, how to implement streaming Shockwave audio, how to avoid palette

problems, how to use Net-specific Lingo, and more.

The CD includes the source Lingo code for dozens of Shockwave movies, working model versions of Director for Mac and Windows, and Shockwave plug-ins for Mac and Windows.

**Platform Support:**  
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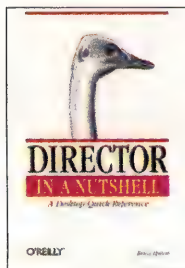
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April 1998 (est.)  
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<http://www.macromedia.com/software/xtras/>

| Company<br>Xtra Name  | Phone<br>Description  | E-mail                       | URL  | Director/Authorware                          | Freehand | SoundEdit 16 plus Deck II |
|---|---|------------------------------|--|--|----------|---------------------------|
| <b>A2C</b><br>TextFormatter   | 33-1-48-28-38-18<br>Text field management.  | bustarret@a2c.fr             | <a href="http://www.a2c.com/produits/xtras.htm">www.a2c.com/produits/xtras.htm</a>   | <b>X</b>                                     |          |                           |
| <b>AE Multimedia</b><br>Programming Xtra                                      | 972-9-958-237<br>Programming library adds Data Structure classes, Algorithms, and Data I/O methods to Lingo.  | aviveyal@netvision.net.il    | <a href="http://www.cortext.co.il/avive/opti/prog.html">www.cortext.co.il/avive/opti/prog.html</a>                                     | <b>X</b>                                     |          |                           |
| <b>Allegiant Technologies</b><br>Marionet                                     | 619-587-0500<br>Complete and easy TCP/IP access from Director.  | info@allegiant.com           | <a href="http://www.allegiant.com/marionet">www.allegiant.com/marionet</a>   | <b>X</b>                                     |          |                           |
| <b>ARTS VIDEO Interactive</b><br>MOVIEO                                       | 33-1-39-79-41-60<br>Creates hypervideo links on QuickTime, AVI and MPEG files.  | movieo@artsvideo.com         | <a href="http://www.artsvideo.com/movieo/amdownl.htm">www.artsvideo.com/movieo/amdownl.htm</a>   | <b>X</b>                                     |          |                           |
| <b>Avenza</b><br>MAPublisher  | 800-884-2555<br>Facilitates desktop mapping from GIS and custom database.   | info@avenza.com              | <a href="http://www.avenza.com/mapublisherv2.html">www.avenza.com/mapublisherv2.html</a>   |  | <b>X</b> |                           |
| <b>BeInfinite</b><br>InfiniteFx   | 800-554-6624<br>Provides FreeHand users with 55 special effects.  | beinfinite@aol.com           | <a href="http://www.beinfinite.com/software.html">www.beinfinite.com/software.html</a>   |  | <b>X</b> |                           |
| <b>Brooktree Corporation</b><br>BTV MediaStream Xtra                          | 619-535-3476<br>Allows Director to control BTV MediaStream video playback hardware extensions.  |                              |  | <b>X</b>                                     |          |                           |
| <b>Brummell Associates</b><br>OpenDBC   | 44-1256-316514<br>OpenDBC provides database connectivity for Director for Windows.  | brummell@btinternet.com      | <a href="http://www.btinternet.com/~brummell/director.htm">www.btinternet.com/~brummell/director.htm</a>                               | <b>X</b>                                     |          |                           |
| <b>Central Queensland University</b><br>OSUtil Xtra                           | 61-79-309913<br>Enables the Director Lingo Scripter to use standard operating system calls right from Lingo.  | m.keppell@cqu.edu.au         | <a href="http://www.ddce.cqu.edu.au/imu/tools/director/Xtras/osutil.html">www.ddce.cqu.edu.au/imu/tools/director/Xtras/osutil.html</a> | <b>X</b>                                     |          |                           |
| <b>codeHorse</b><br>Inspect   | 914-961-5636<br>Complements the message window and the debugger in the Director authoring environment.  | support@codehorse.com        | <a href="http://www.codehorse.com">www.codehorse.com</a>   | <b>X</b>                                     |          |                           |
| <b>Component Software Industries</b>  |   |                              |  |  |          |                           |
| <b>File Flex</b>  | 609-497-4501<br>Provides behind-the-scenes data access and storage services for multimedia developers.  | webmeister@component-net.com | <a href="http://www.component-net.com">www.component-net.com</a>   | <b>X</b>                                     |          |                           |
| <b>Digital Dreams</b><br>Speech Xtra  | 510-547-6929<br>Enables multimedia developers to incorporate spoken user interactions into their products.  | dreams@surftalk.com          | <a href="http://www.surftalk.com/hi-res/asrxta.html">www.surftalk.com/hi-res/asrxta.html</a>   | <b>X</b>                                     |          |                           |
| <b>DirectXtras Ltd.</b><br>DirectControl Xtra<br>DirectOS Xtra<br>Xpress Xtra | 972-3-6342375<br>Provides fast and consistent access to analog and digital joysticks.<br>Provides direct access to the Windows operating system.<br>Allows you to use text-to-speech technology in Director and Shockwave applications. | inf@directxtras.com          | <a href="http://www.directxtras.com">www.directxtras.com</a>   | <b>X</b><br><b>X</b><br><b>X</b><br><b>X</b> |          |                           |
| <b>Dirigo Multimedia</b><br>Versions Xtra                                     | 207-767-8015<br>Determines QuickTime, DOS, Windows and file version numbers.  | gpicher@maine.com            | <a href="http://www.maine.com/shops/gpicher/progcopy.html">www.maine.com/shops/gpicher/progcopy.html</a>                               | <b>X</b>                                     |          |                           |







| Company<br>Xtra Name   | Phone            | E-mail                        | URL  | Director/Authorware<br>Freehand | SoundEdit 16 plus Deck II |
|--|------------------|-------------------------------|--|---------------------------------|---------------------------|
| <b>Integration, Inc.</b><br>V12 Database Engine  | 514-871-1333     | sales@integration.qc.ca       | www.integration.qc.ca/v3_v12/dwnld_fm.htm            | X                               |                           |
| <b>InterBot, Inc.</b><br>XtraSafe  | 719-481-4847     | interbotsales@interbot.com    | www.interbot.com                                     | X                               |                           |
| <b>Interface International Communications</b><br>LiveVideo Xtra  | 415-861-0502     | livevideo@interfaceic.com     | www.interfaceic.com/livevideo/                       | X                               |                           |
| <b>InVision</b><br>CyberSoundFX  | 415-812-7380     |                               | www.cybersound.com                                   |                                 | X                         |
| <b>LetraSet</b><br>Envelopes   | 800-631-1603     | esselte_new_media@esselte.com | www.letraaset.com/letraaset/catch/envelopesdemo.html |                                 | X                         |
| <b>Lizard Tech</b><br>Planet Color Xtra  | 206-320-9969     | info@lizardtech.com           | www.lizardtech.com                                   | X                               |                           |
| <b>Macromedia</b><br>Enhanced CD<br>Development Kit<br>FileIO<br>FreeHand Animation<br>PowerPack<br>MMX Xtra<br>PDF Xtra<br>QuickDraw 3D | 415-252-2000     |                               | www.macromedia.com                                   | X<br>X<br>X<br>X<br>X<br>X<br>X | X<br>X                    |
| <b>Magister Ludi</b><br>BrowserController<br>RegistryReader  | 39-2-26-11-72-80 | xtrasales@magisterludi.com    | www.magisterludi.com/XtraSoftware.html               | X<br>X                          |                           |
| <b>Maxwell Labs</b><br>MathXtras   | 619-279-5100     | marion@maxwell.com            | www.maxwell.com                                      | X                               |                           |
| <b>Media Lab</b><br>AlphaMania<br>Photocaster  | 800-282-5361     | xtra-sales@medialab.com       | www.medialab.com                                     | X<br>X                          |                           |
| <b>Meetinghouse Tech</b><br>MHT-Browse<br>MHT-Connect<br>MHT-Popup<br>MHT-Search   | 410-573-9273     | mhtxtras@meetinghousetech.com | www.meetinghouse.com                                 | X<br>X<br>X<br>X                |                           |



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| <b>MetaTools</b><br>KPT Vector Effects                          | 805-566-6209    | jfeld@metatools.com       | metatools.metatools.com/software/vex.shtml   |                     |                      | <b>X</b>                  |
| <b>NEC USA, Inc.</b><br>Anecdote                                | 408-943-3000    | anecdote@crrt.sj.nec.com  | crrt.neclab.com/anecdote   |                     | <b>X</b>             |                           |
| <b>Parable</b><br>ThingConverter                                | 617-796-0860    | products@parablecorp.com  | www.thingworld.com/<br>Converts existing Macromedia Director files into Parable Things for use in ThingMaker.  |                     | <b>X</b>             |                           |
| <b>Penworks Corporation</b><br>Blinker Xtra<br>Rollover Toolkit | 800-736-9679    | admin@penworks.com        | www.penworks.com<br>Blinker Xtra makes sprite blinking extremely easy - with full control.<br>Simplifies rollovers, simulates mouseEnter and mouseLeave functionality.             |                     | <b>X</b><br><b>X</b> |                           |
| <b>PPC Multimedia</b><br>FractalDecoder Xtra                    | 377-97-98-41-60 | xtra@ppc.com              | www.ppc.mc/xtra/<br>Enables Director and Shockwave to support FIF (fractal) images.  |                     | <b>X</b>             |                           |
| <b>Prime Arithmetics</b><br>XtraBase                            | 415-776-8710    | info@primearithmetics.com | www.primearithmetics.com/products/<br>Accelerate database queries by using an advanced form of data compression.   |                     | <b>X</b>             |                           |
| <b>Progressive Networks</b><br>RealAudio SDK for Shockwave      | 206-674-270     |                           | www.realaudio.com<br>Control Real Audio stream from Shockwave.   |                     | <b>X</b>             |                           |
| <b>RAD Game Tools</b><br>Miles Xtra<br>Smacker Xtra             | 801-322-430     | mitchs@radgametools.com   | www.radgametools.com/smack.htm<br>Manages digital, MIDI, streaming, and CD audio for Director.<br>Plays back Smacker video files (even with the transparency) under Lingo control. |                     | <b>X</b><br><b>X</b> |                           |
| <b>RealSpace, Inc.</b><br>RealVRTM Xtra                         | 408-261-6266    | realvr@r1space.com        | www.r1space.com<br>Combines Panoramic viewing, VRML 2.0, and Internet browsing in one.   |                     | <b>X</b>             |                           |
| <b>Shells Interactive Film-Art, Ltd.</b><br>3D Dreams           | 972-9-7710205   | info@shells-ifa.com       | www.shells-ifa.com<br>Incorporates interactive 3D worlds into Director titles. See our ad on page 11.  |                     | <b>X</b>             |                           |
| <b>stat media</b><br>Instant Buttons & Controls                 | 714-280-0038    | ibc@statmedia.com         | www.statmedia.com<br>A savvy drag-and-drop toolset with transparent operation and over 12,500 images.<br>See our ad on page 12.  |                     | <b>X</b>             |                           |
| <b>T-Tools</b><br>StageHand Buttons                             | 510-848-9149    | support@t-tools.com       | www.t-tools.com<br>Instant Multi-state Buttons without Lingo.  |                     | <b>X</b>             |                           |
| <b>Tabuleiro da Baiana Multimedia</b><br>MpegXtra<br>WebXtra    | 55-11-9713342   | tbaiana@tbaiana.com       | www.tbaiana.com<br>The professional way to put Mpeg video into your multimedia products.<br>The easy way to browse the Web!  |                     | <b>X</b><br><b>X</b> |                           |





| Company<br>Xtra Name                 | Phone   | E-mail                    | URL   | Director/Authorware | FreeHand | SoundEdit 16 plus Deck II |
|--------------------------------------|---|---------------------------|---|---------------------|----------|---------------------------|
| <b>Teapot-7 Software Development</b> |   |                           |   |                     |          |                           |
| Documentor                           | 61-3-9482-3892  | teapot7@ozemail.com.au    | www.ozemail.com.au/~teapot7/Teapot-7                        |                     | X        |                           |
|                                      | Automatically produces HTML documentation from your Lingo programs.   |                           |   |                     |          |                           |
| <b>TechPool</b>                      | 800-925-1922  | info@techpool.com         | www.techpool.com  |                     |          | X                         |
| PS EditLink                          | Direct PostScript and EPC import into FreeHand.   |                           |   |                     |          |                           |
| <b>Trailer Parc Technologies</b>     | 415-248-1350  | info@trailerparc.com      | www.trailerparc.com   |                     |          | X                         |
| Insta.html                           | Exports formatted FH pages as HTML with embedded GIFs or Shockwave.   |                           |   |                     |          |                           |
| <b>Turntable Media</b>               | 415-284-0600  | multimixer@turntable.com  | www.turntable.com/multimixer                                |                     | X        |                           |
| Multimixer                           | Mixing and panning of Quicktime audio tracks.   |                           |   |                     |          |                           |
| <b>University of Missouri</b>        | 573-882-7600  | cjcr@atc.missouri.edu     | www.atc.missouri.edu/software/                              |                     | X        |                           |
| DDE Xtra                             | Lets Director act as a Dynamic Data Exchange client (DDE).  |                           |   |                     |          |                           |
| <b>updateStage</b>                   | 617-641-7068  | timesaver@updatestage.com | www.updatestage.com/tlt.html                                |                     | X        |                           |
| The Lingo TimeSaver                  | Cut and paste script library available from the Xtras menu.   |                           |   |                     |          |                           |
| <b>Visible Light</b>                 | 407-786-5693  | sales@visiblelight.com    | www.visiblelight.com/mall/onstage/                          |                     | X        |                           |
| OnStage CD                           | Advanced MPEG sprite Xtra with SoftPEG decoder embedded on CD.  |                           |   |                     | X        |                           |
| OnStage SE                           | Advanced MPEG sprite Xtra with toolbar & fullscreen. See our ad on page 15.                                 |                           |   |                     | X        |                           |
| <b>Waves</b>                         | 423-689-5395  | waves@waves.com           | www.waves.com/  |                     |          | X                         |
| Native Power Pack                    | Attain world-class sound quality from your DECK II and SoundEdit 16 files.                                  |                           |   |                     |          |                           |
| WaveConvert                          | A tool for the specialized conversion of sound files for optimized playback in multimedia authoring titles. |                           |   | X                   |          |                           |
| <b>XtraMedia</b>                     | 415-387-4502  | services@xtramedia.com    | www.xtramedia.com/xtras.shtml                               |                     | X        |                           |
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| ChartInMotion Xtra                   | Enables you to plot standard business charts in a window over a Director Stage.                             |                           |   |                     | X        |                           |
| TableMaker Xtra                      | Enables you to view data in a window over the Director Stage.   |                           |   |                     | X        |                           |
| <b>Yair Sageev</b>                   | 718-965-0394  | yair.sageev@nyu.edu       | www.tumble.com/soundsprocketxtra/<br>soundsprocketxtra.html |                     | X        |                           |
| OnLooker                             | Sprite monitoring utility.  |                           |   |                     | X        |                           |
| SoundSprocket Xtra                   | Provides multimedia developers with full-featured, spatial filtering of sound.                              |                           |   |                     | X        |                           |
| TextCruncher                         | Text Handling.  |                           |   |                     | X        |                           |
| <b>Yamaha Corporation</b>            | 81-53-460-2936  | midxtra@eml.yamaha.co.jp  | www.yamaha.com/jp/english/ex/midxtra/midxtra.html           |                     | X        |                           |
| MIDXTRA                              | Allows you to use MIDI from Lingo, greatly reducing disk space. See our ad on page 16.                      |                           |   |                     |          |                           |
| <b>Zeus Productions</b>              | 800-797-2968  | info@zeusprod.com         | www.zeusprod.com/products/zlaunch.html                      |                     | X        |                           |
| zLaunch                              | Lets you launch external applications.  |                           |   |                     | X        |                           |
| zOpen for Windows                    | Opens and prints documents, locates external applications such as browsers.                                 |                           |   |                     | X        |                           |
| zScript                              | Allows Director to communicate with other AppleScriptable events.   |                           |   |                     | X        |                           |



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A = Authorware®    D = Director®    B = BackStage™    F = FreeHand™

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| <b>Alabama</b>                              |                   |              |                  | Alphatrain                            | Newark         | 201-297-0400  | A           |              |   |
|   | ICOMPI            | Mobile       | 334-470-0954 A/D | The Computer Pros, Inc.               | Nutley         | 201-438-7271  | A           |              |   |
| <b>Arizona</b>                              |                   |              |                  | <b>New Mexico</b>                     |                |               |             |              |   |
| University of Advancing Computer Technology |                   |              | Phoenix          | 602-437-0405                          | A              | Allied Signal | Albuquerque | 505-247-1504 | A |
| <b>California</b>                           |                   |              |                  | Grass Roots Consulting                | Santa Fe       | 888-307-7392  | D           |              |   |
| Parallax Technologies, Inc.                 | Fremont           | 510-354-2088 | A/D              | <b>New York</b>                       |                |               |             |              |   |
| Multimedia Workshop                         | Los Angeles       | 310-444-6320 | D                | Assessment Solutions, Inc.            | New York       | 212-319-8400  | A           |              |   |
| MultiTrain International                    | Long Beach        | 562-494-4091 | A/D              | Bell Technologies                     | New York       | 212-334-8523  | A/D         |              |   |
| Chapman University                          | Orange            | 714-744-7957 | D                | Motion Over Time                      | New York       | 212-229-1148  | A/D         |              |   |
| CIBER Training Services                     | San Francisco     | 415-281-6101 | A/D              | Pratt Manhattan                       | New York       | 212-925-8481  | A/D         |              |   |
| g/matter inc.                               | San Francisco     | 415-243-0394 | D                | <b>North Dakota</b>                   |                |               |             |              |   |
| Multimedia Resource Group                   | San Jose          | 408-277-0783 | D                | University of North Dakota            | Grand Forks    | 701-777-2743  | D           |              |   |
| <b>Colorado</b>                             |                   |              |                  | <b>Ohio</b>                           |                |               |             |              |   |
| Aprisa Multimedia                           | Englewood         | 303-846-6363 | A                | Copier & Associates, Inc.             | Cleveland      | 216-861-5951  | A/D         |              |   |
| Red Rocks Community College                 | Lakewood          | 303-988-6160 | A/D              | TyJill Enterprises, Inc.              | Rossford       | 419-666-7400  | D           |              |   |
| Media Lab, Inc                              | Louisville        | 303-499-5411 | A/D              | <b>Oregon</b>                         |                |               |             |              |   |
| <b>Florida</b>                              |                   |              |                  | Portland State University             | Portland       | 503-725-4803  | D           |              |   |
| SunTech 3, Inc.                             | Altamonte Springs | 407-862-1144 | A                | <b>Pennsylvania</b>                   |                |               |             |              |   |
| AERA  | Pensacola         | 850-857-3737 | A/D              | Berkeley Corporation                  | Bala Cynwyd    | 610-664-5665  | A           |              |   |
| <b>Georgia</b>                              |                   |              |                  | New Media Group                       | Pittsburgh     | 412-765-3696  | D           |              |   |
| Georgia Institute of Technology             | Atlanta           | 404-894-1055 | A/D              | Synergis Technologies, Inc.           | Quakertown     | 215-529-9900  | A           |              |   |
| Media Magic, Inc.                           | Atlanta           | 770-986-8806 | A/D              | Brookwood Media Arts                  | Spring House   | 215-643-8580  | D/F/B       |              |   |
| New Horizons Computer Learning Center       | Atlanta           | 404-235-3500 | D                | <b>Texas</b>                          |                |               |             |              |   |
| Sterling Ledet & Company                    | Atlanta           | 404-325-3338 | B/F              | Multimedia Enterprise, Inc.           | Austin         | 512-891-0680  | A           |              |   |
| <b>Illinois</b>                             |                   |              |                  | Digital Training & Designs, Inc.      | Dallas         | 972-407-9303  | A/D         |              |   |
| Allen Interactions                          | Chicago           | 800-841-7366 | A/D              | Richland College                      | Dallas         | 972-238-6996  | A/D         |              |   |
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| d'Vinci interactive                         | Hagerstown        | 301-797-2386 | A                | College of the Mainland               | Texas City     | 409-938-1211  | D           |              |   |
| EPI Communications                          | Rockville         | 301-230-2024 | D                | <b>Utah</b>                           |                |               |             |              |   |
| <b>Massachusetts</b>                        |                   |              |                  | Bridgerland Applied Technology Center | Logan          | 801-750-3146  | A/D         |              |   |
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| <b>Minnesota</b>                            |                   |              |                  | <b>Virginia</b>                       |                |               |             |              |   |
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| First Tech                                  | Minneapolis       | 612-374-8004 | D                | DSC Resources                         | McLean         | 703-917-8631  | D           |              |   |
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